

### **Abstract**

A method and system for providing a common operating system feature set for supporting a variety of operating system configurations is described. The  
5 common operating system feature set is organized to provide a minimal memory footprint applicable to a number of devices and methods of deployment. The common operating system includes dependencies among operating system components that provide a selection of integrated components that are validated for reliability. The common operating system includes an application program interface set that provides  
10 functionality for a variety of operating system scenarios.

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